

## **REMARKS/ARGUMENTS**

Reconsideration and withdrawal of the rejections of the application are respectfully requested in view of the amendments and remarks herewith, which place the application into condition for allowance. The present amendment is being made to facilitate prosecution of the application.

### **I. STATUS OF THE CLAIMS AND FORMAL MATTERS**

Claims 16-37 are pending in this application. Claims 16, 26, 31, and 35 are independent. Claims 1-15 are hereby canceled without prejudice or disclaimer of subject matter. No new matter has been introduced by this amendment. Support for this amendment is provided throughout the Specification, see particularly page 5. Changes to claims are not made for the purpose of patentability within the meaning of 35 U.S.C. §101, §102, §103, or §112. Rather, these changes are made simply for clarification and to round out the scope of protection to which the Applicants are entitled.

The Abstract is hereby amended as suggested by the Examiner.

Claims 1-9, 12, and 14 were objected to due to informalities. Claims 1-9, 12, and 14 are canceled herein, obviating the rejection.

### **II. REJECTIONS UNDER 35 U.S.C. §103(a)**

Claims 1-4, 8-10, and 12-15 were rejected under 35 U.S.C. §103(a) as allegedly unpatentable over U.S. Patent No. 6,088,569 to Bach, et al.

Claims 5 and 11 were rejected under 35 U.S.C. §103(a) as allegedly unpatentable over U.S. Patent No. 6,088,569 to Bach, et al. in view of U.S. Patent No. 5,305,347 to Roschmann, et al.

Claim 6 was rejected under 35 U.S.C. §103(a) as allegedly unpatentable over U.S. Patent No. 6,088,569 to Bach, et al. in view of U.S. Patent No. 5,970,400 to Dwyer.

Claim 7 was rejected under 35 U.S.C. §103(a) as allegedly unpatentable over U.S. Patent No. 6,088,569 to Bach, et al. in view of U.S. Patent No. 6,317,589 to Nash.

New Claim 16 recites, inter alia:

“...said AM receiver is configured and adapted for adjusting said variable oscillation frequency on the basis of a feedback signal supplied downstream from said down-conversion stage.” (emphasis added)

As understood by Applicants, U.S. Patent No. 6,088,569 to Bach, et al. (hereinafter, merely “Bach”) relates to receiving a plurality of signals having different frequency bandwidths. The aforementioned claim limitation is neither found in nor suggested by Bach.

Applicants respectfully submit that although U.S. Patent 6,317,589 to Nash (hereinafter merely “Nash”) refers to feedback from a power detector circuit seemingly for passing a wanted signal while attenuating an undesired signal (column 3, line 42 to column 4, line 7). Nash employs phase shift rather than frequency shift. Therefore, the teachings of Nash are not readily applicable to the teachings of Bach. Hence, these references are not combinable and the attempt to do so underscores the unobviousness of claim 16. Moreover, Nash does not describe the above-quoted limitation of claim 16 and thus, Nash fails to cure the aforementioned defect of Bach.

Applicants submit that nothing has been found in Bach, Roshmann, Dwyer, or Nash that would teach or suggest the above-quoted feature of independent claim 16. Therefore, claim 16 is believed to be patentable.

For reasons similar to those described above, independent claims 26, 31, and 35, which recite a similar limitation are also believed to be patentable.

### **III. DEPENDENT CLAIMS**

The other claims in this application are each dependent from one of the independent claims discussed above and are therefore believed patentable for at least the same reasons. Since each dependent claim is also deemed to define an additional aspect of the invention, however, the individual reconsideration of the patentability of each on its own merits is respectfully requested.

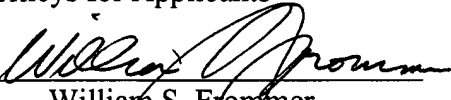
### **CONCLUSION**

In the event the Examiner disagrees with any of statements appearing above with respect to the disclosure in the cited reference, or references, it is respectfully requested that the Examiner specifically indicate those portions of the reference, or references, providing the basis for a contrary view.

Please charge any additional fees that may be needed, and credit any overpayment, to our Deposit Account No. 50-0320.

In view of the foregoing amendments and remarks, it is believed that all of the claims in this application are patentable and Applicants respectfully request early passage to issue of the present application.

Respectfully submitted,  
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